

**Houston Department of Health and Human Services
Bureau of Tuberculosis Control**

TUBERCULOSIS FACTS

Updated April, 2006

1. A total 273 TB cases were reported in Houston for 2005 compared to 347 cases in 2004.
2. There was a 21.3% decrease in the number of TB cases reported in Houston for 2005 compared to 2004.
3. A total of 19 children (birth-14 years of age) were reported during 2005 compared to 13 children reported during 2004. This is a 46.2% increase from the number of children reported during 2004.
4. Houston reported 273 or 21.0% of the 1,535 cases reported in the state for 2005.
5. Houston ranked 10th in the Nation by case rate in 2002 compared to 11th in 2001, 8th in 1999, 4th in 1997, 6th in 1996, 2nd in 1995, 4th in 1994, and 5th in 1993.
7. Directly Observed Therapy (DOT) is the standard of care and treatment of choice for tuberculosis cases and suspects. Of the 347 cases reported in 2005, 258 or 98.5% were placed on DOT. Of the 350 suspects started on treatment 348 were placed on DOT.
8. On December 30, 2005 the DOT field team was providing DOT to 137 cases/suspects and Directly Observed Therapy for latent TB infection (DOPT) to 277 patients, for a total of 990 supervised doses per week. This is a 19.4% decrease from the 1,228 doses supervised per week on the last working day in December, 2004.
9. **Drug Resistance
(Houston excluding Harris County
beginning in 2002)**

TB Case Rate/100,00 pop.

	2003	2004	2005
Houston only	16.9	17.5	13.2
Texas	7.2	7.5	7.5
USA	5.1	4.9	4.9

6. **TB Cases Reported by Race/Ethnic Group – Houston
(Houston excluding Harris County)**

	2003		2004		2005	
	#	%	#	%	#	%
White	44	12.9	42	12.1	31	11.4
Black	139	40.9	144	41.5	96	35.1
Hispanic	121	35.6	122	35.2	118	43.2
Other	36	10.6	39	11.2	28	10.3
TOTAL	340		347		273	

	1 or more TB drugs		Multidrug resistant (INH + RIF)	
	#	%	#	%
1991	47	7.7	1	0.2
1992	59	7.8	3	0.4
1993	57	7.8	5	0.7
1994	63	8.4	6	0.8
1995	52	6.6	3	0.4
1996	53	8.7	7	1.2
1997	45	7.2	4	0.6
1998	41	8.9	6	1.3
1999	22	4.8	1	0.2
2000	32	7.9	1	0.2
2001	33	7.7	3	0.7
2002*	42	12.8	6	1.8
2003*	20	5.9	1	0.3
2004*	18	5.2	0	0.0
2005*	21	7.7	1	0.4

*Houston

10. Source of Report
(Houston excluding Harris County)

	2003		2004		2005	
	#	%	#	%	#	%
City Clinics	27	7.9	30	8.6	26	9.5
Hospital District	144	42.4	158	45.5	92	33.7
VAH	26	7.6	18	5.2	11	4.0
Harris Co. Jail	23	6.8	23	6.6	34	12.5
PMDS	86	25.3	89	25.7	76	27.8
County Clinics	1	0.3	4	1.2	1	.4
Others	33	9.7	27	7.2	33	12.1
Total	340		347		273	

11. TB Case by Place of Birth – Houston
(Houston excluding Harris County)

	2003		2004		2005	
	#	%	#	%	#	%
U.S.A	196	57.6	195	56.2	144	52.7
Outside USA	138	40.6	144	41.5	128	46.9
Unknown	6	1.8	8	2.3	1	.4
Total	340		347		273	

12. TB Case Co-infected with AIDS – Houston
(Houston excluding Harris County)

	2003		2004		2005	
	#	%	#	%	#	%
With AIDS	59	17.3	53	14.4	29	10.6
Without Aids	208	61.2	283	57.4	229	83.9
HIV Test Offered	73	21.5	11	28.2	15	5.5
HIV Status Unknown	See Below		See Below		See Below	
Not Offered	0		0		0	
Total	340		347		273	

**2003	**2004	**2005	
9	1	1	HIV Tests done, Results not available
6	8	11	Referred/Offered HIV testing-Status unknown
58	2	3	Refused HIV testing
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73	11	15	HIV Test Offered